

AMENDED CLAIMS

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WHAT IS CLAIMED IS:

1. A substantially pure polypeptide comprising
 - a fully human or humanized chimpanzee monoclonal antibody that binds or neutralizes dengue type 1, 2, 3, and/or 4 virus,
 - 5 or comprising
 - a monoclonal antibody that binds the antigen to which monoclonal antibody 5H2 (ATCC Accession No. PTA-5662) binds,
 - or comprising
 - a monoclonal antibody that binds the antigen to which monoclonal antibody
 - 10 1A5 (ATCC Accession No. PTA-6265) binds.
2. The substantially pure polypeptide of Claim 1 wherein said antibody comprises an Fd fragment.
3. The substantially pure polypeptide of Claim 1 wherein said antibody comprises an Fab fragment.
- 15 4. The substantially pure polypeptide of Claim 1 wherein said antibody includes a heavy chain CDR3 region having the amino acid sequence of SEQ ID NO: 7, 23, 39, 55, 71, 87, 103, 119, 135, 151, 167, or 183.
5. The substantially pure polypeptide of Claim 4 wherein said antibody includes a heavy chain CDR2 region having the amino acid sequence of SEQ ID NO: 5
20 (when heavy chain CDR3 region is SEQ ID NO: 7), 21 (when heavy chain CDR3 region is SEQ ID NO: 23), 37 (when heavy chain CDR3 region is SEQ ID NO: 39), 53 (when heavy chain CDR3 region is SEQ ID NO: 55), 69 (when heavy chain CDR3 region is SEQ ID NO: 71), 85 (when heavy chain CDR3 region is SEQ ID NO: 87), 101 (when heavy chain CDR3 region is SEQ ID NO: 103), 117 (when heavy chain CDR3 region is SEQ ID NO:
25 119), 133 (when heavy chain CDR3 region is SEQ ID NO: 135), 149 (when heavy chain CDR3 region is SEQ ID NO: 151), 165 (when heavy chain CDR3 region is SEQ ID NO: 167), or 181 (when heavy chain CDR3 region is SEQ ID NO: 183).
6. The substantially pure polypeptide of Claim 5 wherein said antibody includes a heavy chain CDR1 region having the amino acid sequence of SEQ ID NO: 3
30 (when heavy chain CDR3 region is SEQ ID NO: 7), 19 (when heavy chain CDR3 region is SEQ ID NO: 23), 35 (when heavy chain CDR3 region is SEQ ID NO: 39), 51 (when heavy chain CDR3 region is SEQ ID NO: 55), 67 (when heavy chain CDR3 region is SEQ ID NO: 71), 83 (when heavy chain CDR3 region is SEQ ID NO: 87), 99 (when heavy chain